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## WHAT IS CLAIMED IS:

- 1. A multi-directional diffusion-symmetry slant reflector, comprising:
- a substrate having a pixel thereon;
- a plurality of diffusion-symmetric slant reflectors on the pixel, wherein the diffusion-symmetric slant reflectors have a gradual decreasing height from a central point toward a periphery thereof; and
  - a reflection layer, formed on the diffusion-symmetric slant reflectors.
  - 2. The reflector of claim 1, wherein the diffusion-symmetric slant reflector has symmetrical slant surfaces and a plurality of bumps formed on the slant surfaces.
  - 3. The reflector of claim 2, wherein the angle between the slant surface and the substrate is about 3° to 10°.
  - 4. The reflector of claim 2, wherein the symmetrical slant surface includes the surface of a cone whose projection onto the substrate is a circle.
  - 5. The reflector of claim 2, wherein the symmetrical slant surface includes the surface of an elliptical cone whose projection onto the substrate is an ellipse.
  - 6. The reflector of claim 2, wherein the symmetrical slant surface includes the slant surfaces of a longitudinal prism whose projection onto the substrate is a rectangle.
  - 7. The reflector of claim 1, wherein the substrate is further divided into a plurality of domains and each domain contains a plurality of diffusion-symmetric slant reflectors all aligned in a single direction.
  - 8. The reflector of claim 7, wherein the direction of alignment of the reflectors in each domain is different.
  - 9. The reflector of claim 8, wherein the reflectors with different shapes are mixed in at least one domain.

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- 10. The reflector of claim 1, wherein material forming the diffusion-symmetric slant reflectors includes photosensitive resin.
- 11. The reflector of claim 1, wherein the reflection layer includes a metal reflection layer.
- 12. The reflector of claim 11, wherein the reflection layer includes aluminum or silver.
  - 13. A multi-directional diffusion-symmetric slant reflector, comprising:
- a substrate having a pixel thereon, wherein the pixel is divided into a plurality of domains;
- a plurality of conical shape diffusion-symmetric slant reflectors on a first portion of the domains of the pixel;
- a plurality of longitudinal prismatic shape diffusion-symmetric slant reflectors on a second portion of the domains of the pixel; and
  - a reflection layer over the diffusion-symmetric slant reflectors.
- 14. The reflector of claim 13, wherein the conical shape diffusion-symmetric slant reflector and the longitudinal prismatic diffusion-symmetric slant reflector both have a symmetry slant surface, and a plurality of bumps are formed on the slant surfaces.
- 15. The reflector of claim 14, wherein the angle between the slant surface and the substrate is about 3° to 10°.
  - 16. The reflector of claim 14, wherein the pair of symmetric slant surfaces of the conical shape diffusion-symmetric reflector includes the surface of a cone whose projection onto the substrate is a circle.

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- 17. The reflector of claim 14, wherein the pair of symmetric slant surfaces of the longitudinal prismatic diffusion-symmetric reflector includes the surfaces of a longitudinal prism whose projection onto the substrate is a rectangle.
- 18. The reflector of claim 13, wherein the directions of alignment of longitudinal prismatic diffusion symmetric reflectors inside a domain are identical.
- 19. The reflector of claim 18, wherein the directions of alignment of longitudinal prismatic diffusion-symmetric reflectors in each domain are different or identical.
- 20. The reflector of claim 19, wherein the diffusion-symmetric reflectors with different shapes are mixed in at least one domain.
- 21. The reflector of claim 13, wherein the rectangular diffusion-symmetric reflectors are aligned with a direction different in each domain or mixed up in each domain.
- 22. The reflector of claim 13, wherein material forming the conical shape diffusion-symmetric reflector and the longitudinal prismatic diffusion-symmetric reflector includes photosensitive resin.
- 23. The reflector of claim 13, wherein the reflection layer includes a metal reflection layer.
- 24. The reflector of claim 23, wherein the reflection layer includes aluminum or silver.